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FIG. 1

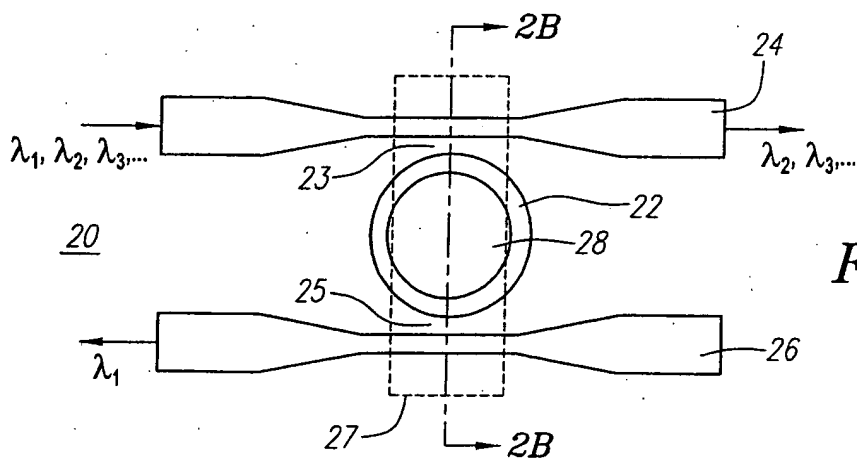
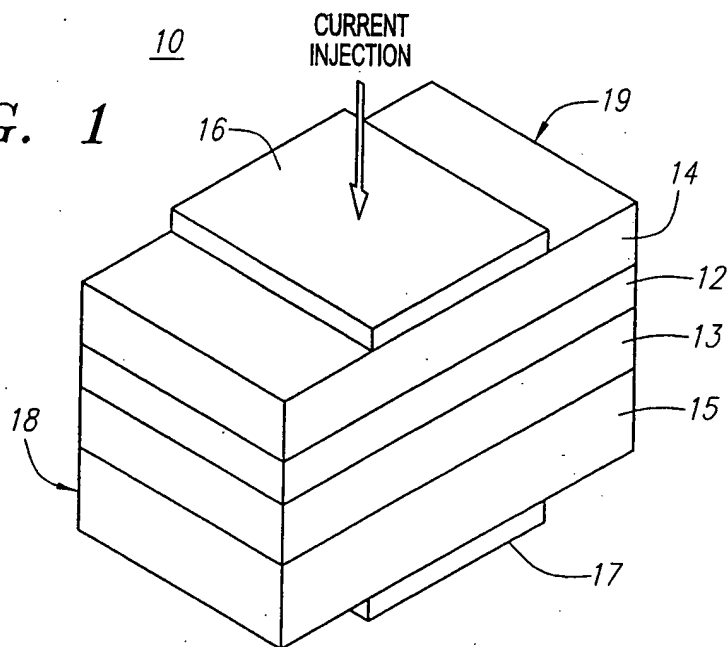
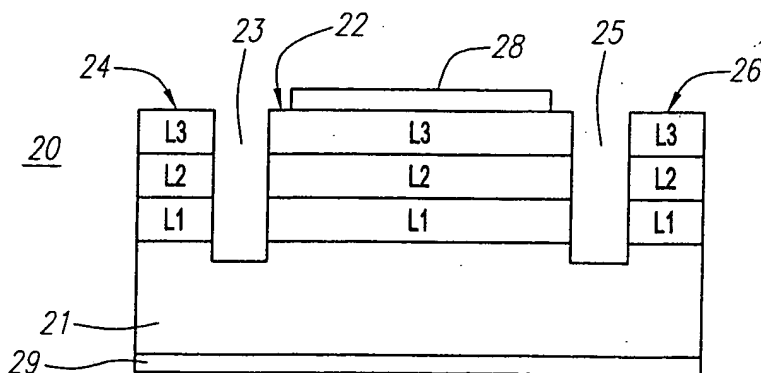
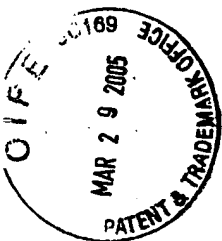


FIG. 2A

FIG. 2B





“Wavelength Tunable Laser”

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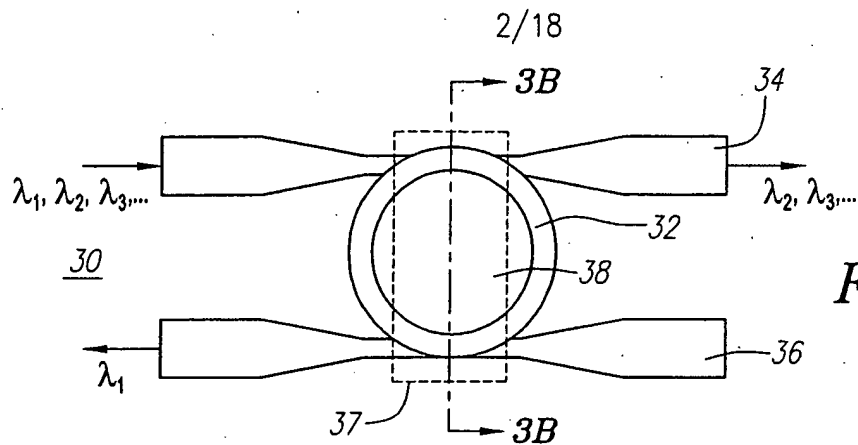


FIG. 3A

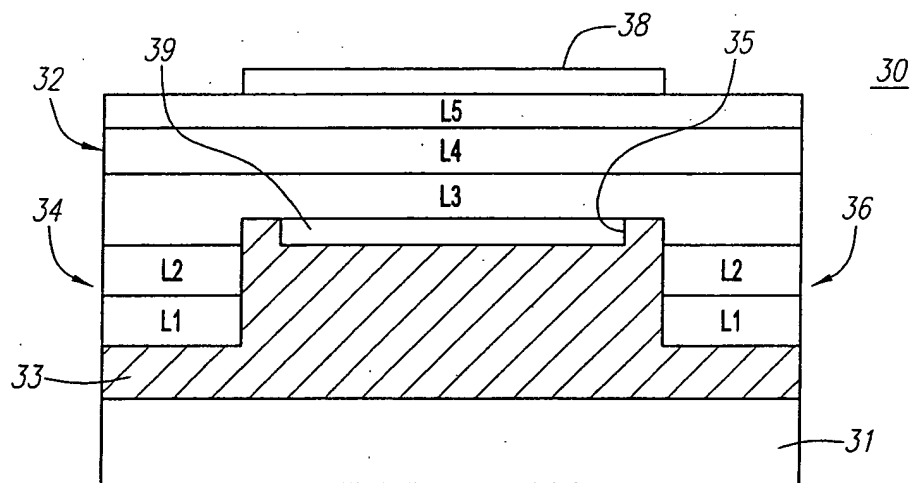


FIG. 3B

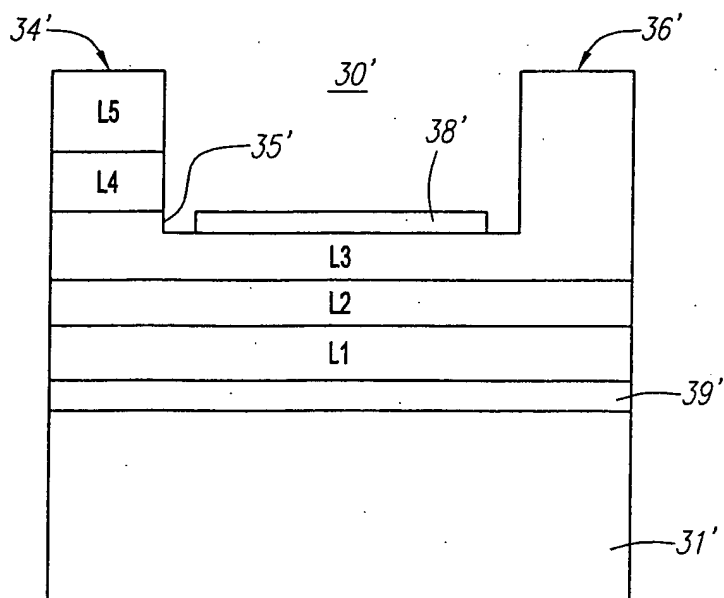
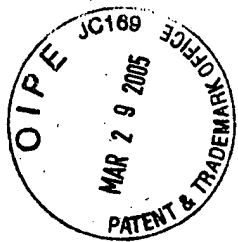


FIG. 3C



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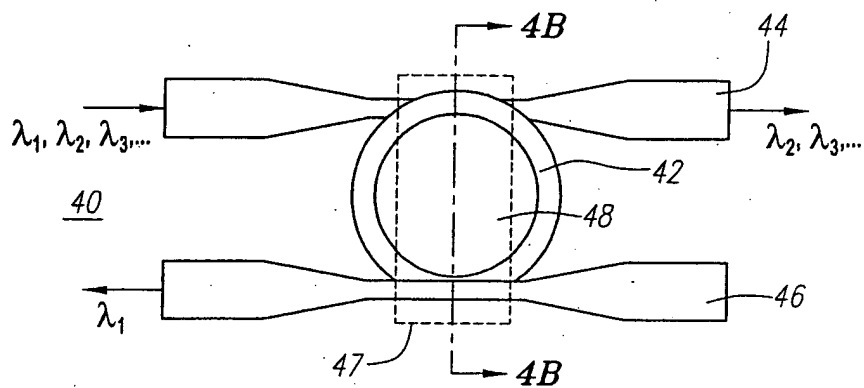


FIG. 4A

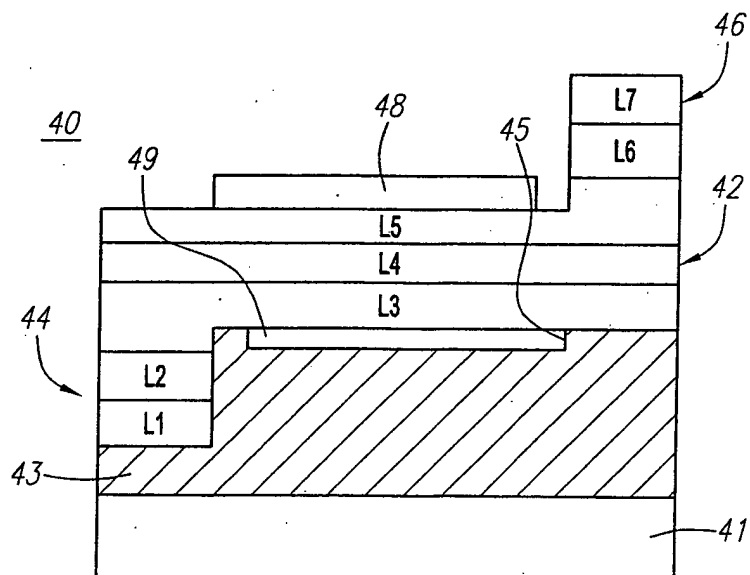
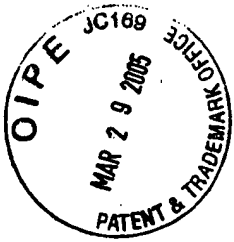


FIG. 4B



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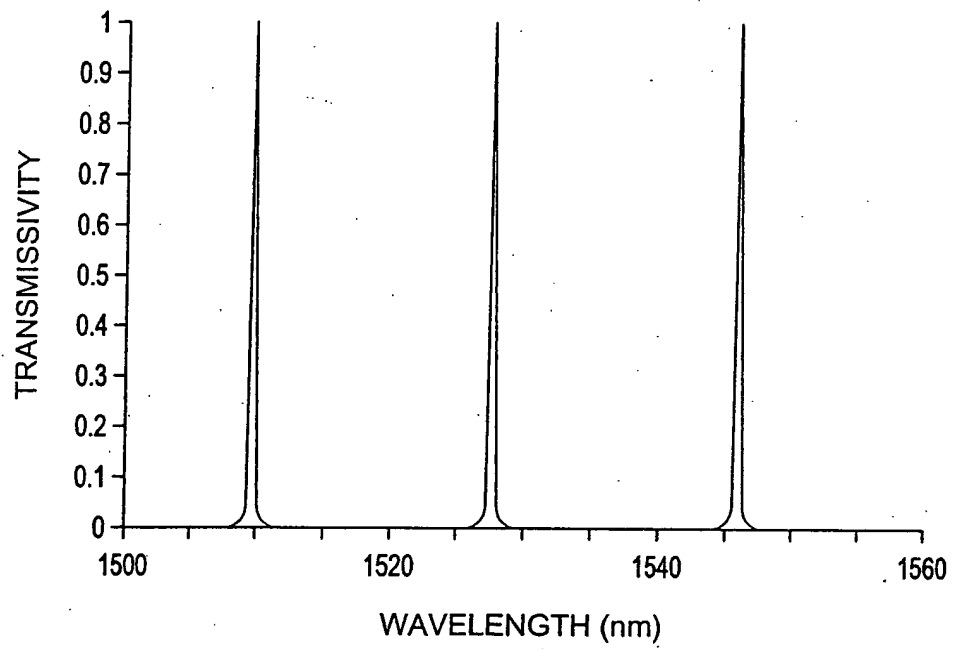
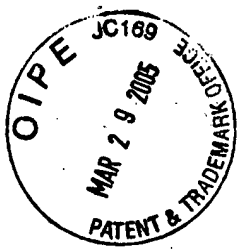


FIG. 5



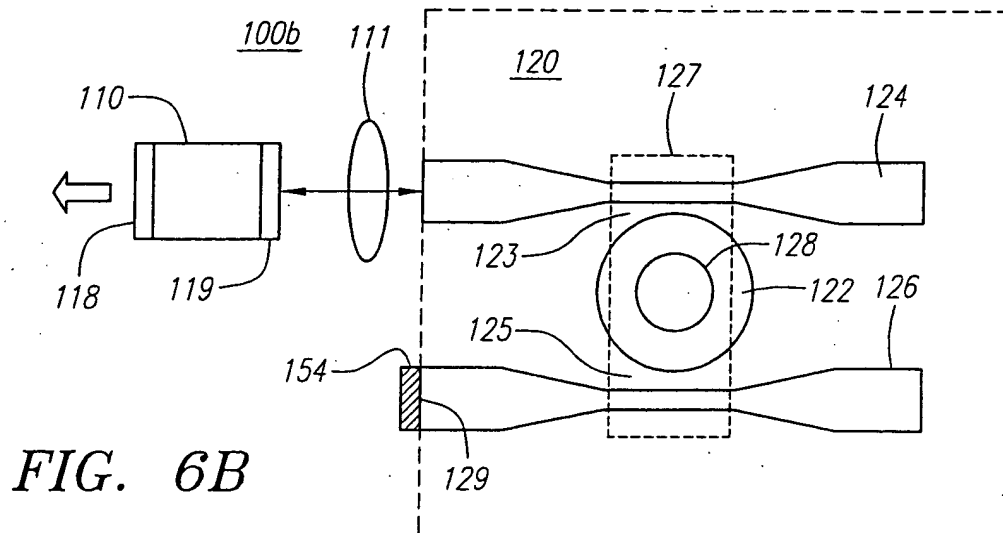
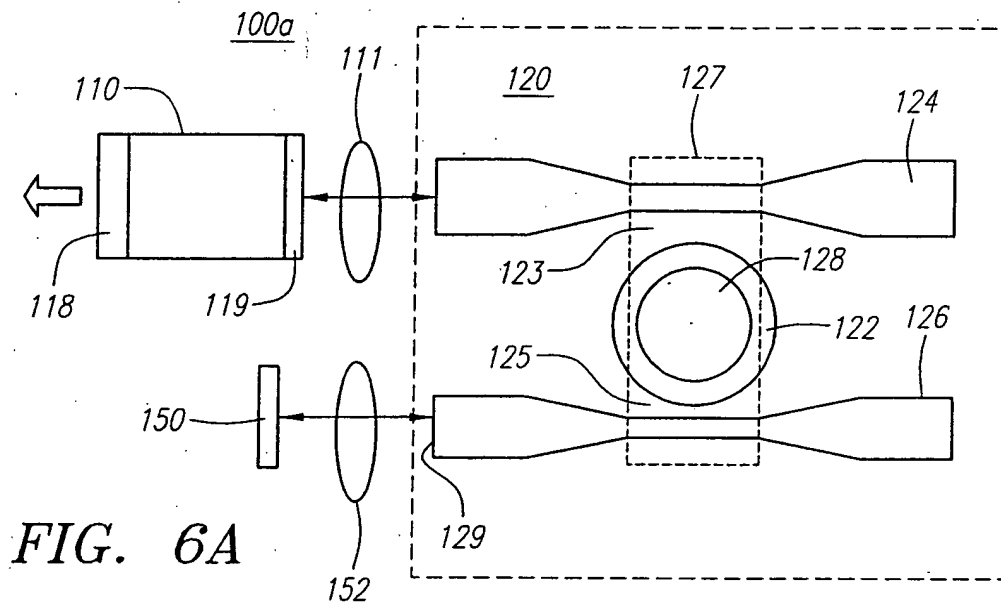
"Wavelength Tunable Laser"

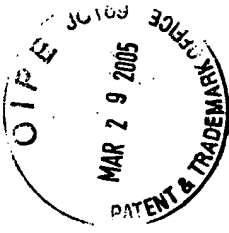
Inventor: Y. Ma

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IMBALANCE COUPLING EFFECT ON SINGLE RESONATOR OUTPUT

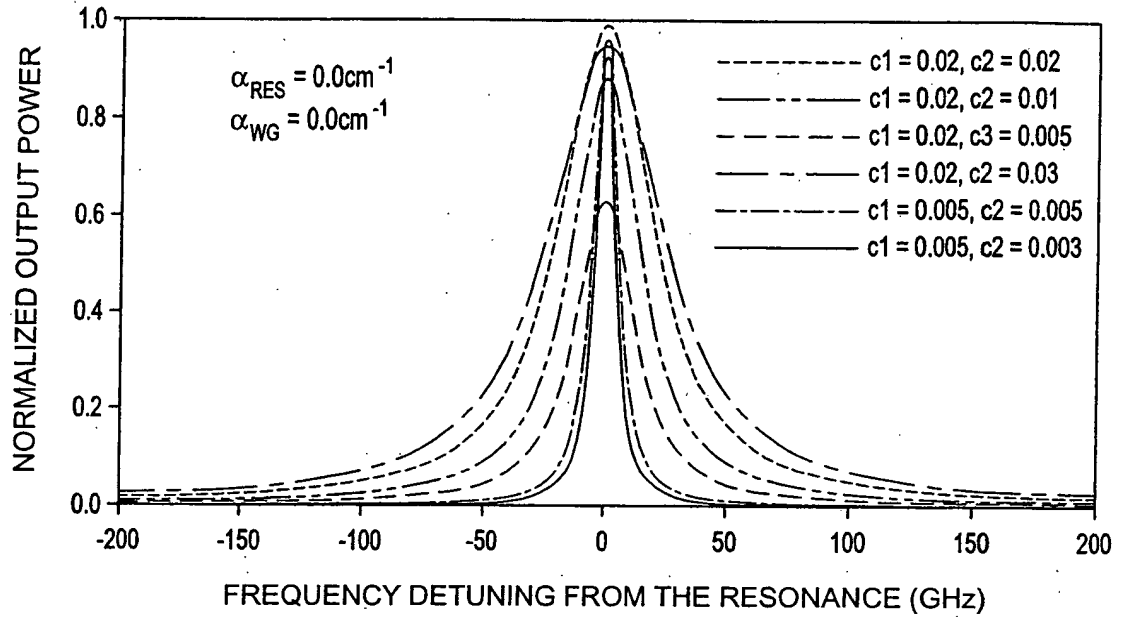


FIG. 7

MULTIPLE RESONATORS

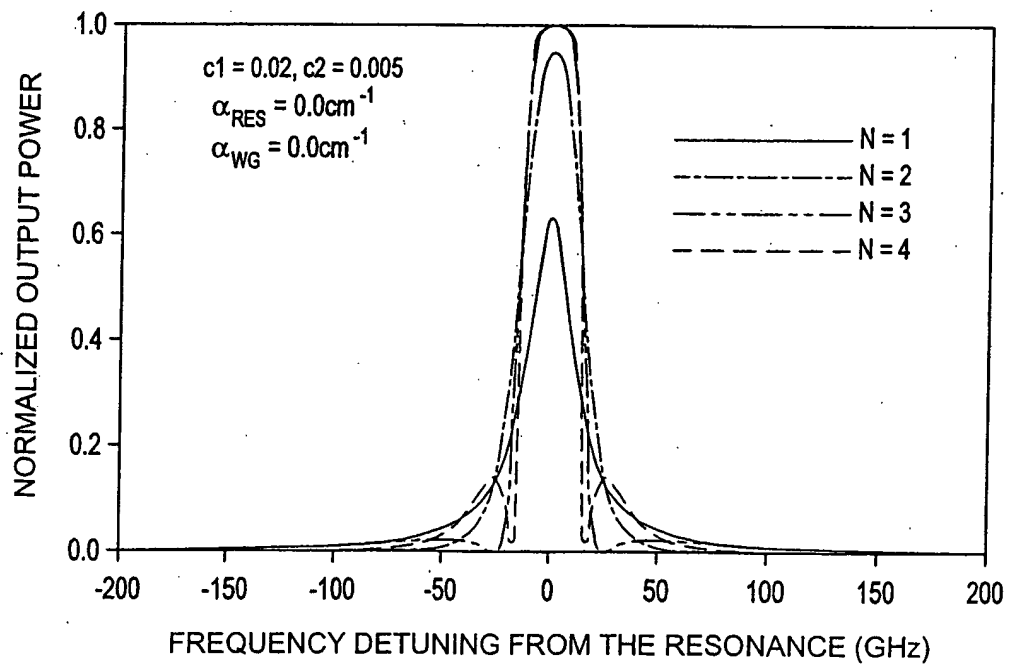


FIG. 8



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MULTIPLE RESONATORS

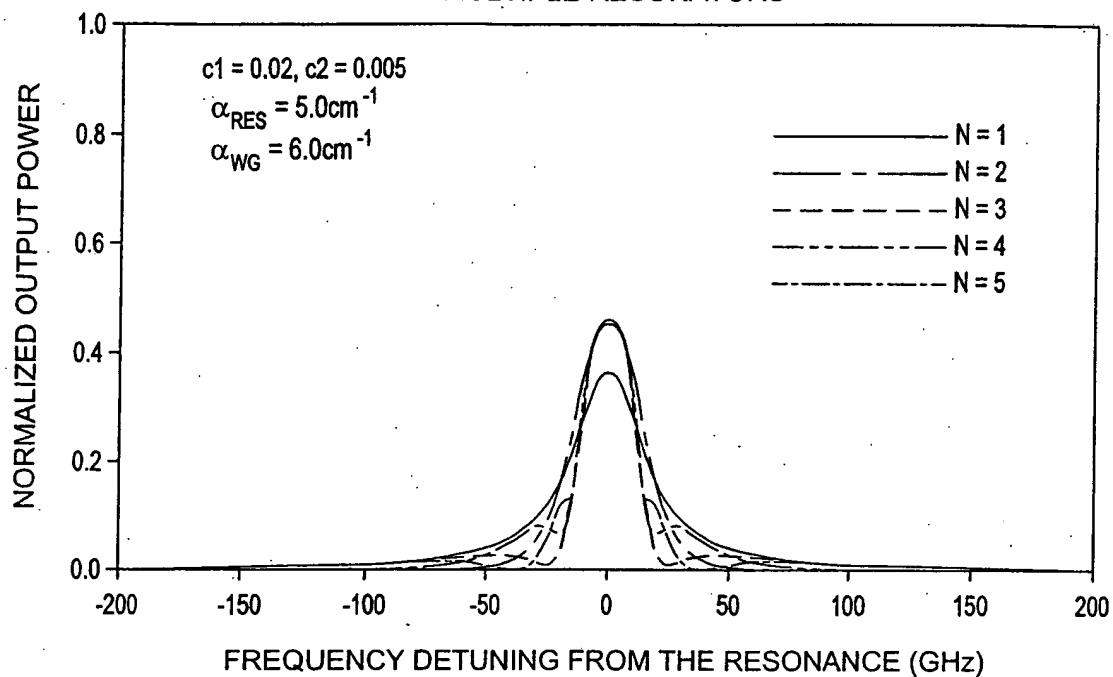


FIG. 9

MULTIPLE RESONATORS

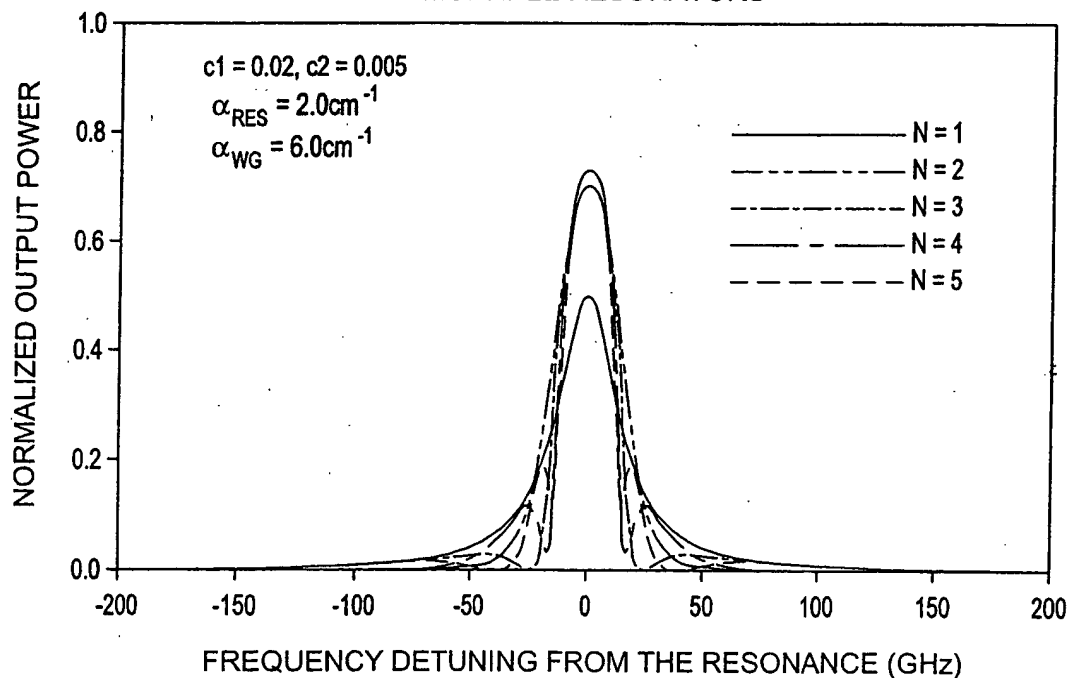
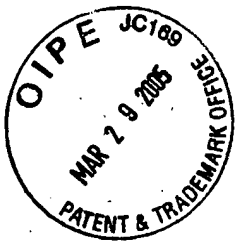


FIG. 10



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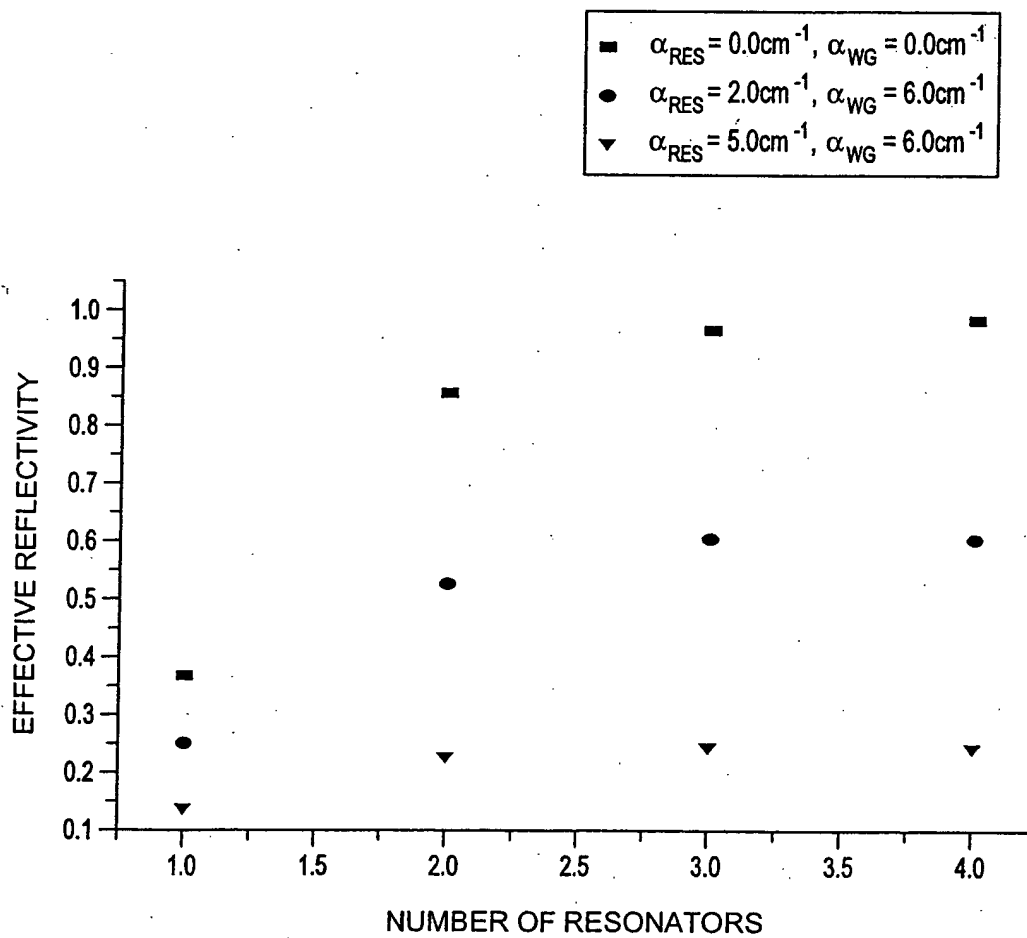
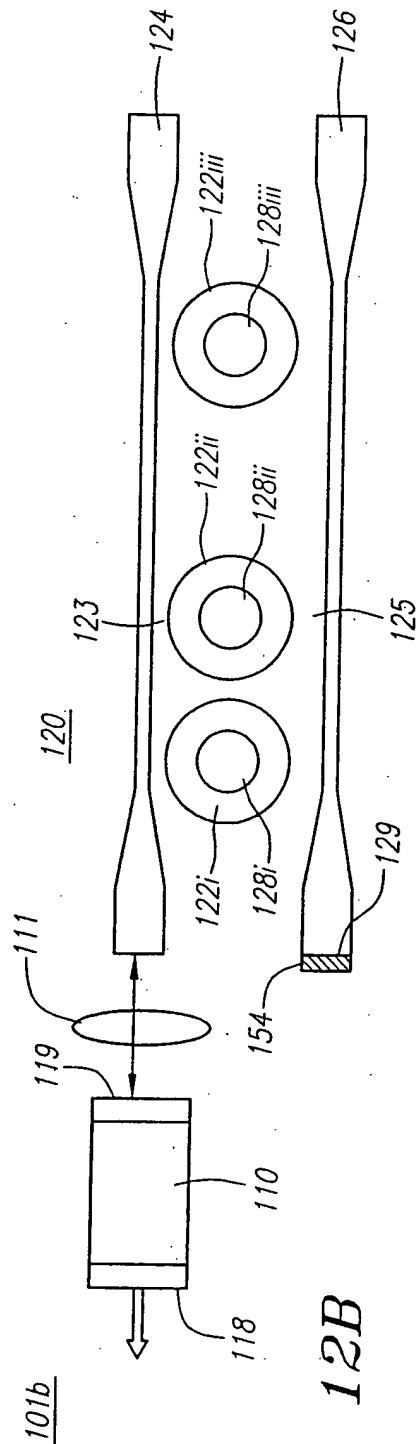
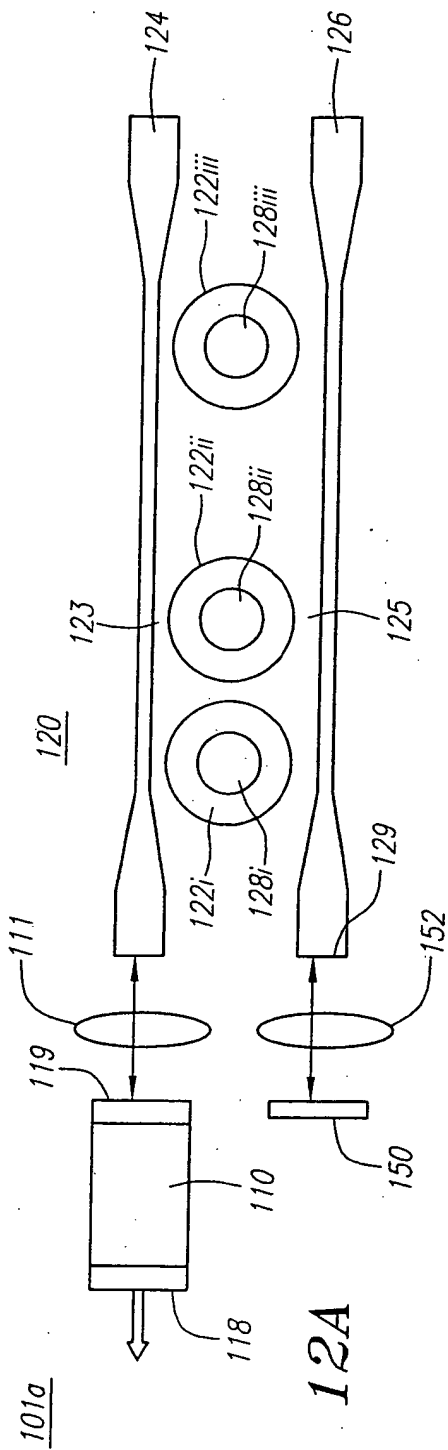
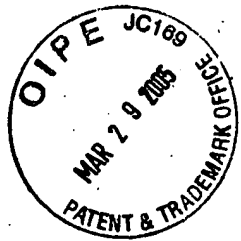


FIG. 11

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"Wavelength Tunable Laser"

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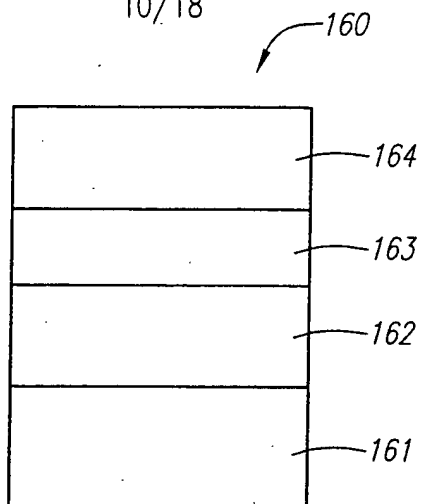


FIG. 13A

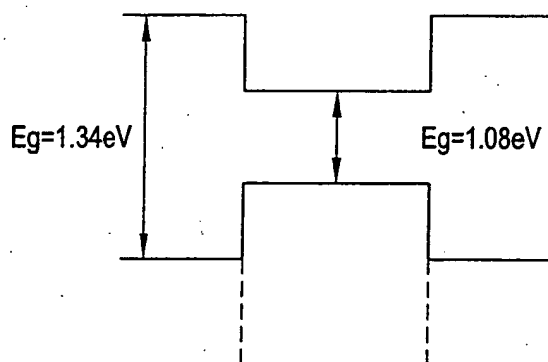


FIG. 13B

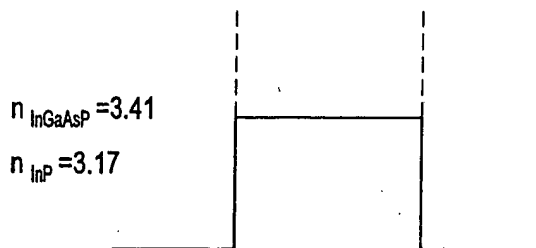
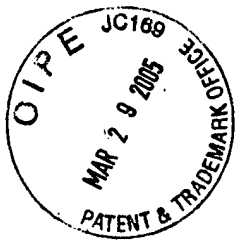


FIG. 13C



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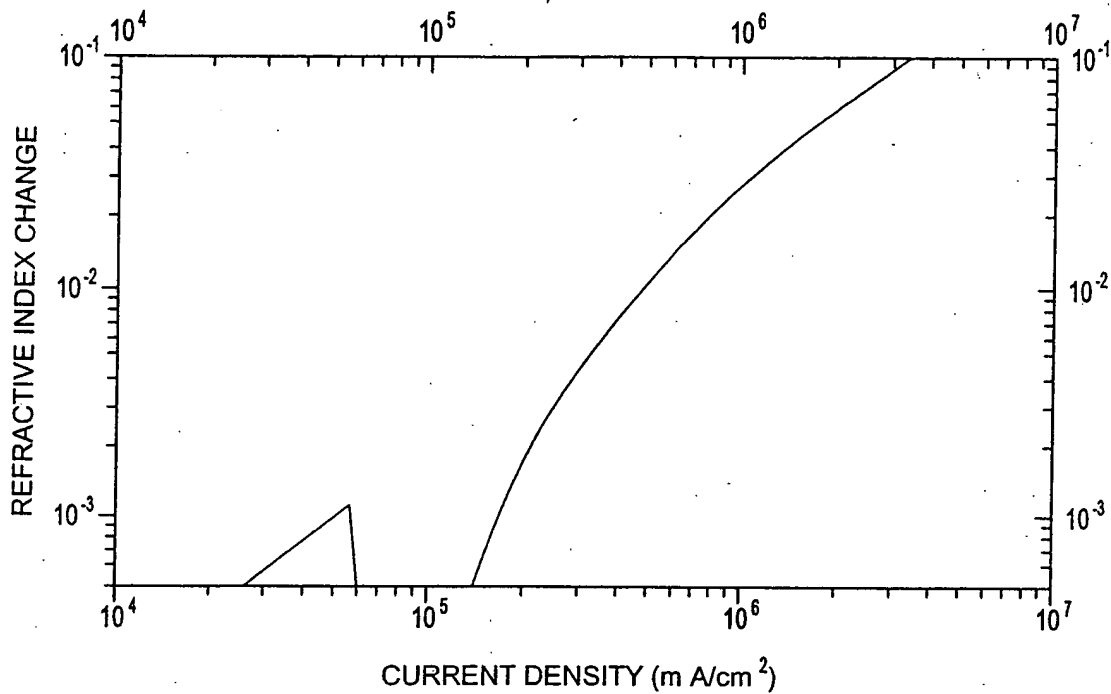


FIG. 14

ELECTROFRACTION EFFECT (FRANZ-KELDYSH EFFECT)
AND LINEAR ELECTRO-OPTIC EFFECT (POCKELS EFFECT)
OF InGaAsP AT $\lambda = 1.55 \mu\text{m}$

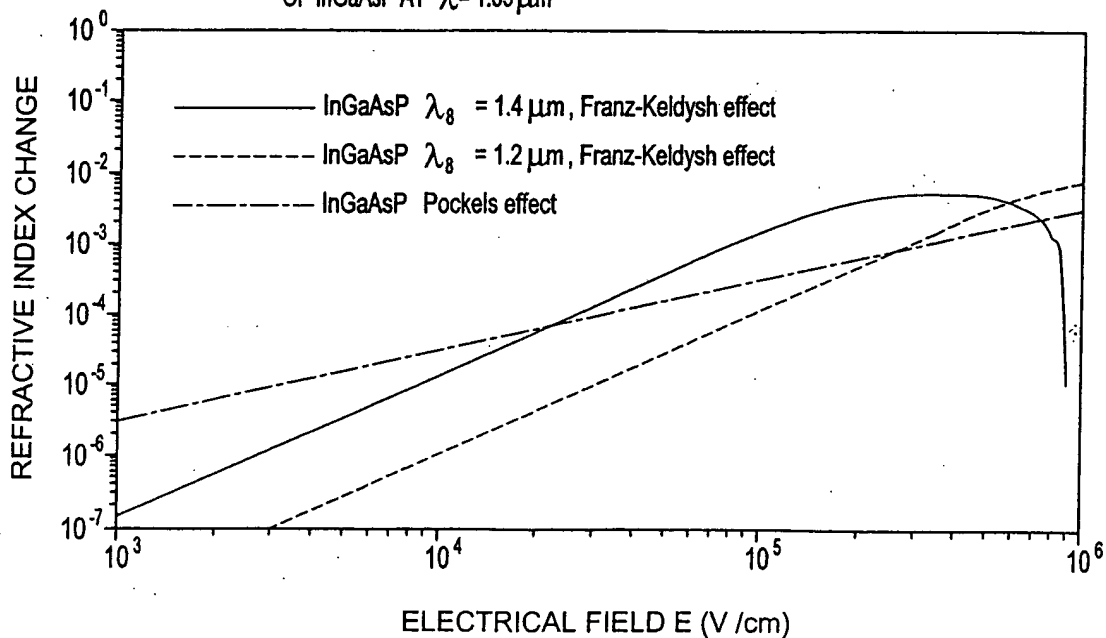
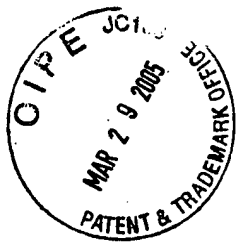


FIG. 15



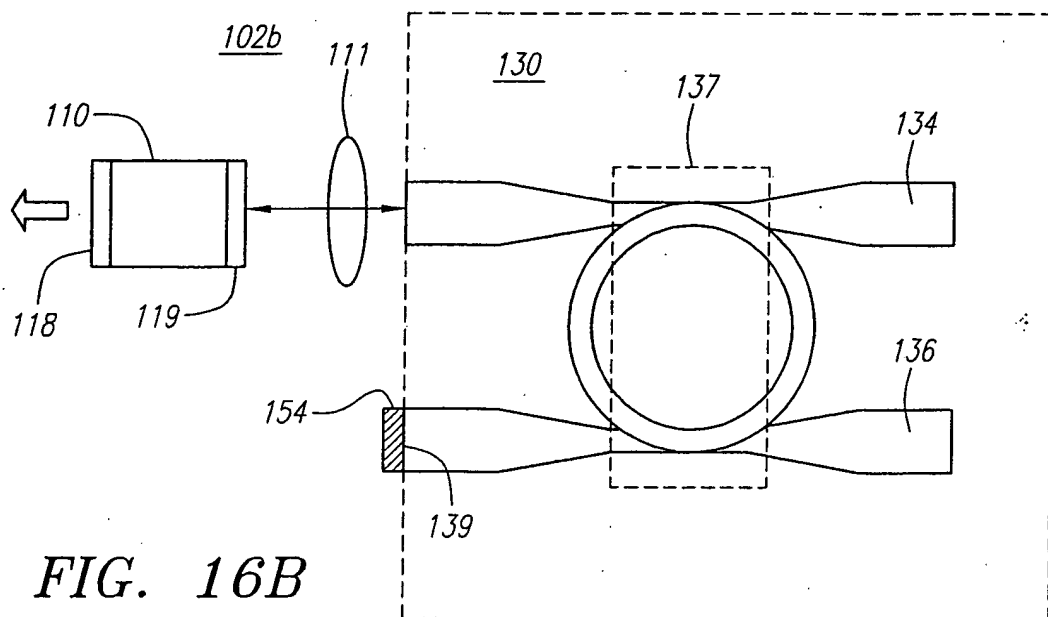
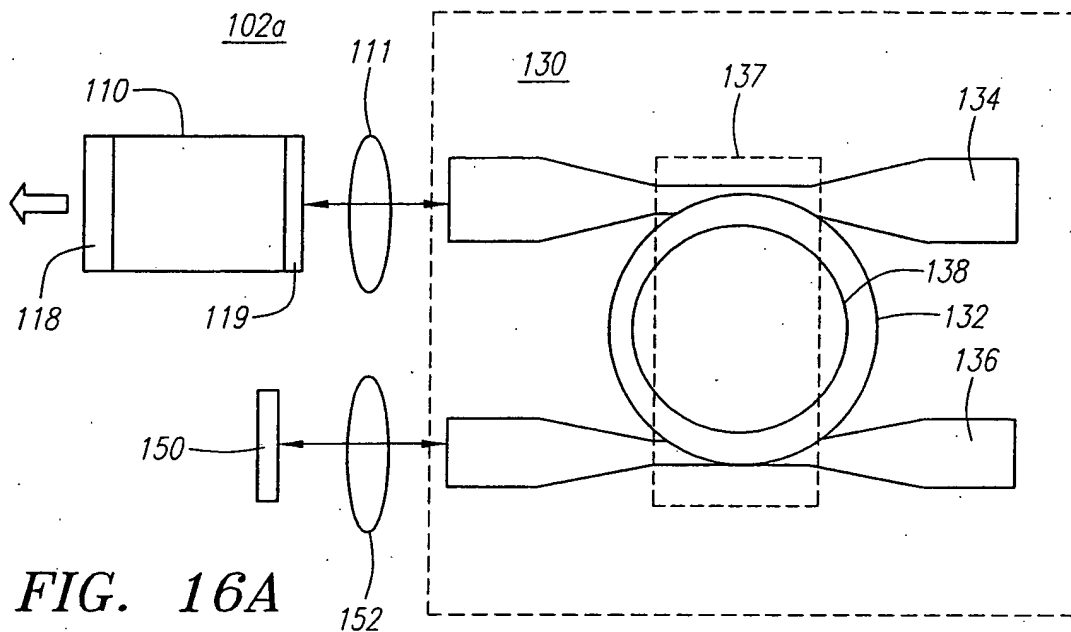
"Wavelength Tunable Laser"

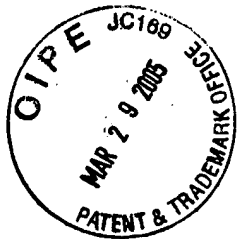
Inventor: Y. Ma

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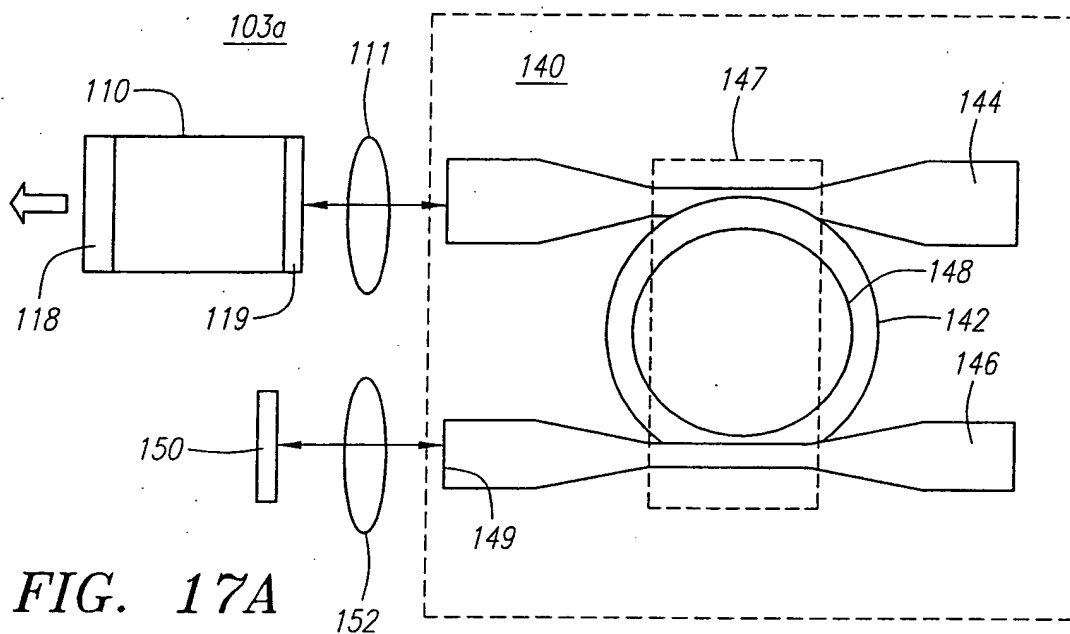


FIG. 17A

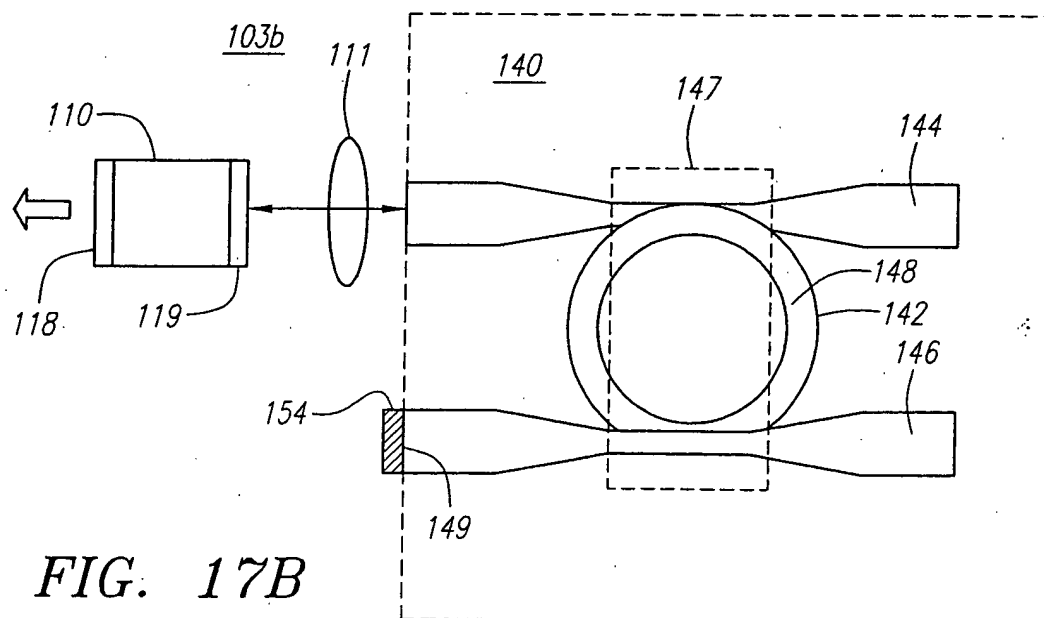
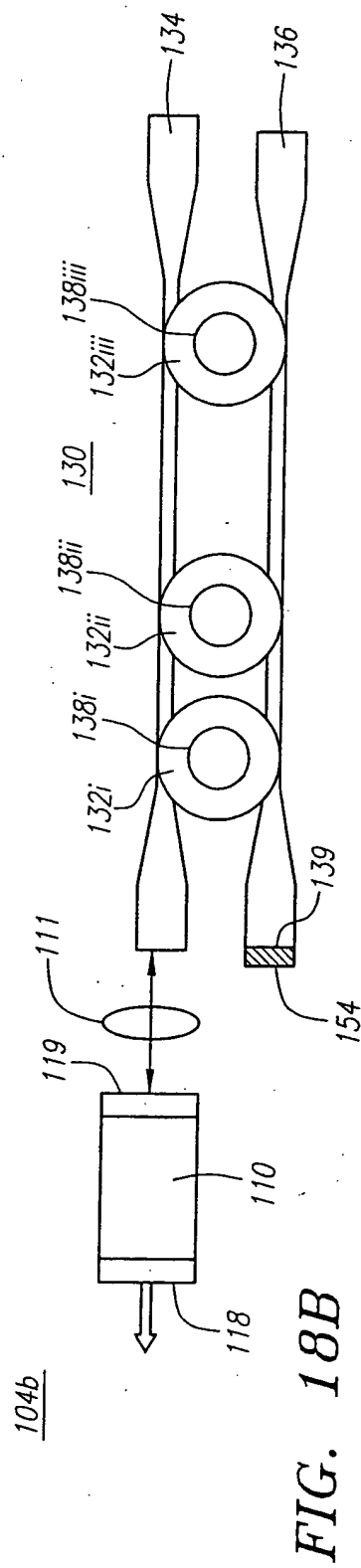
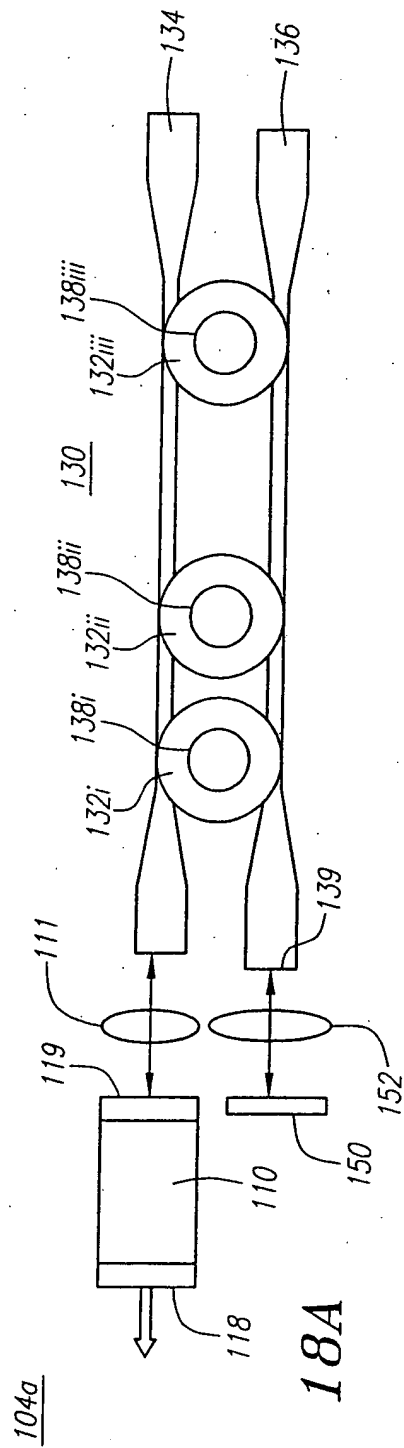
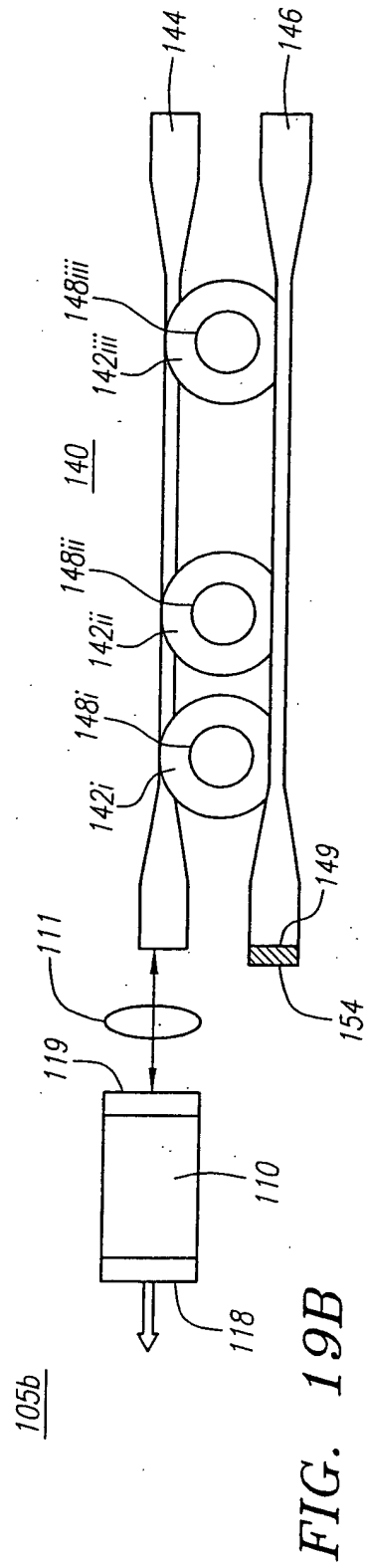
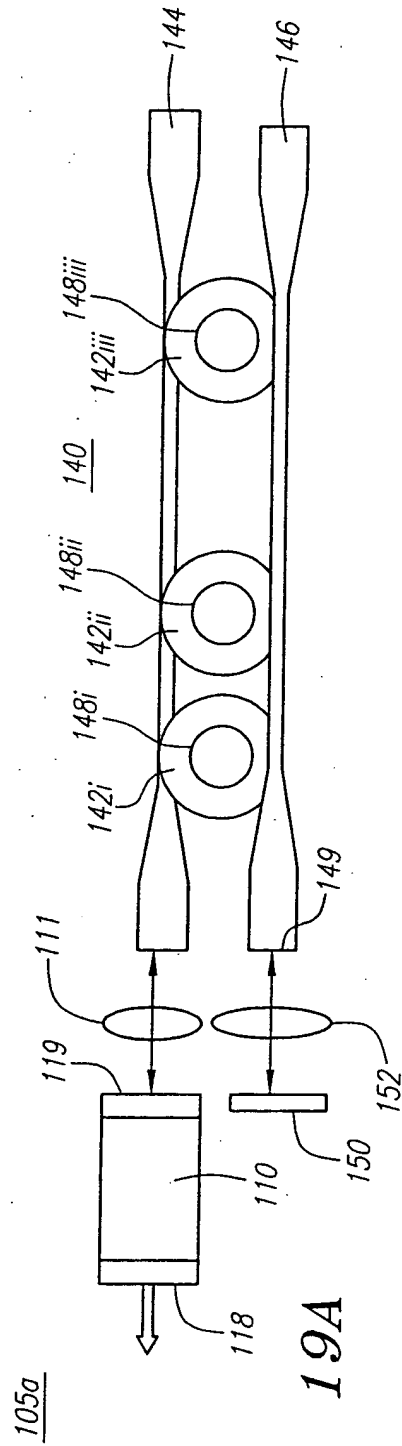
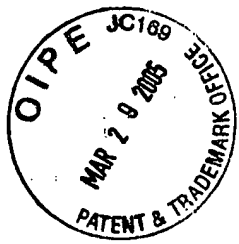
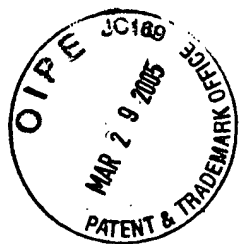


FIG. 17B

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"Wavelength-Tunable Laser"

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FIG. 20A

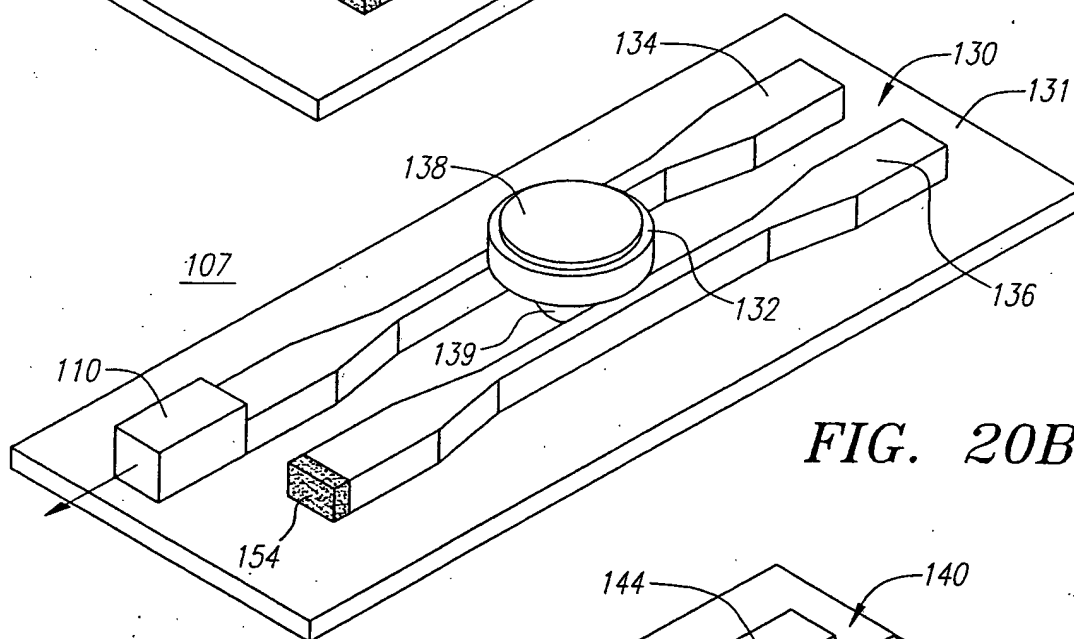
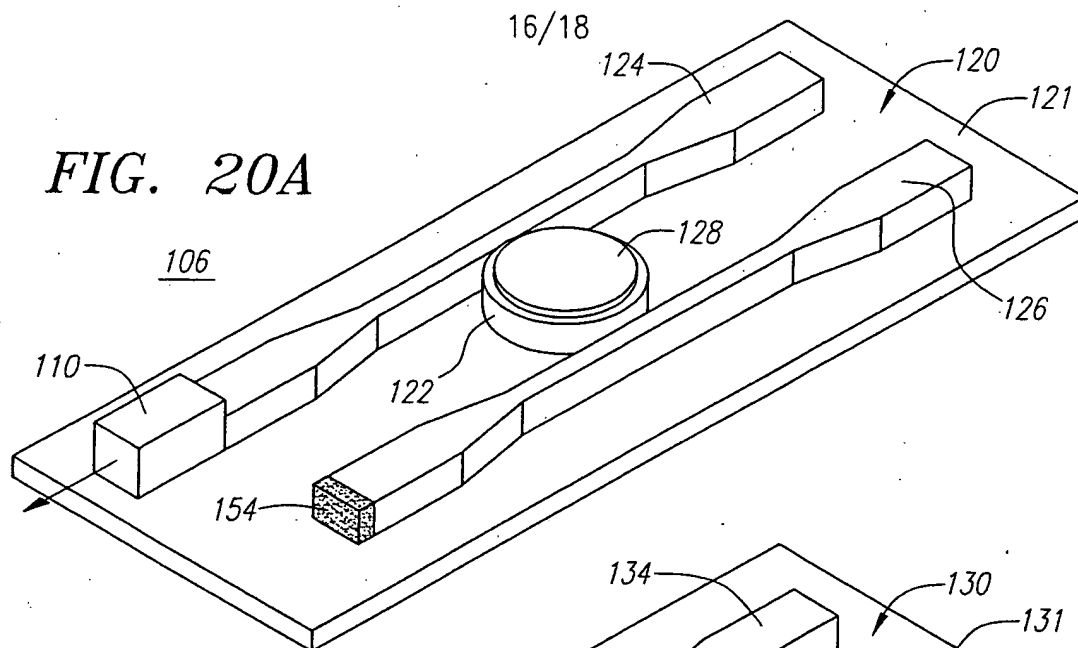


FIG. 20B

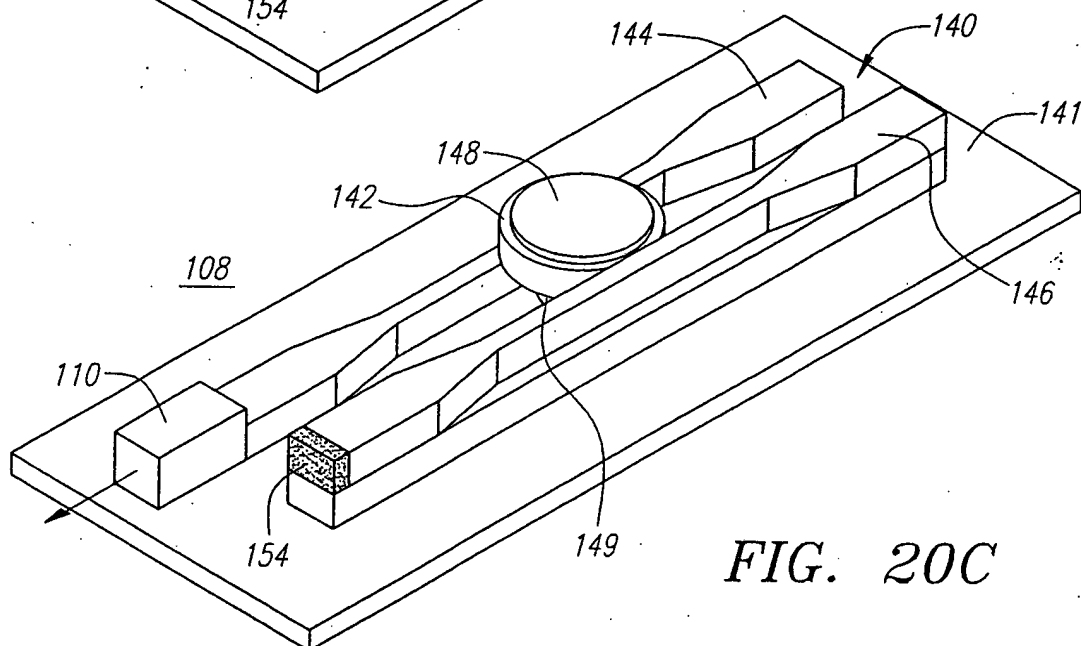
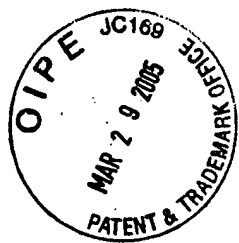


FIG. 20C



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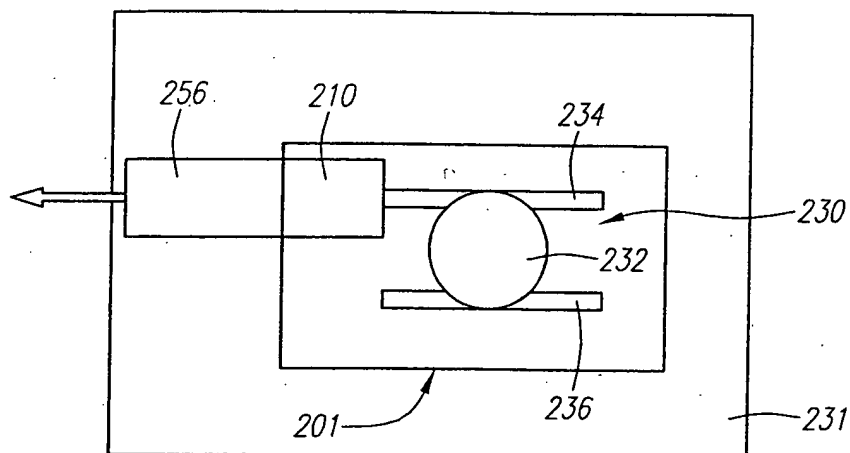


FIG. 21A

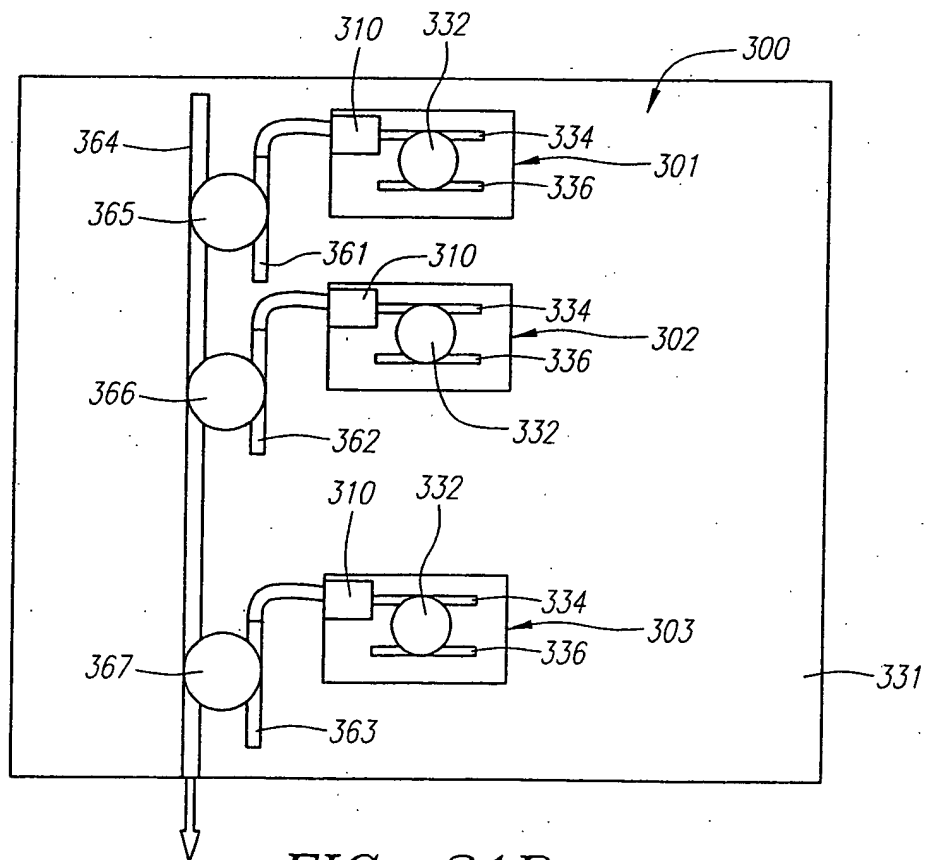
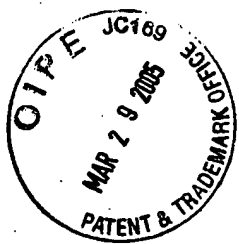


FIG. 21B



"Wavelength Tunable Laser"

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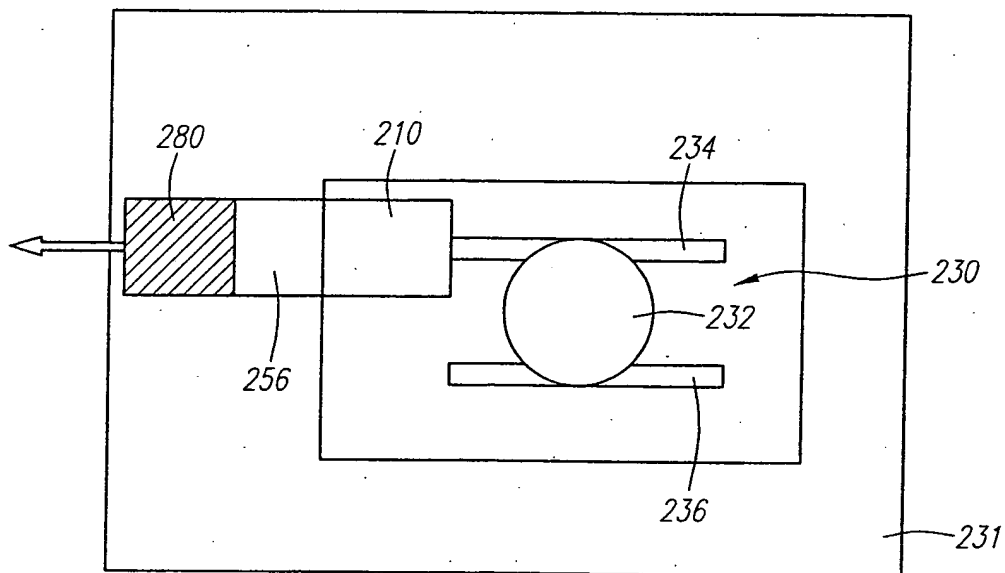


FIG. 22A

200

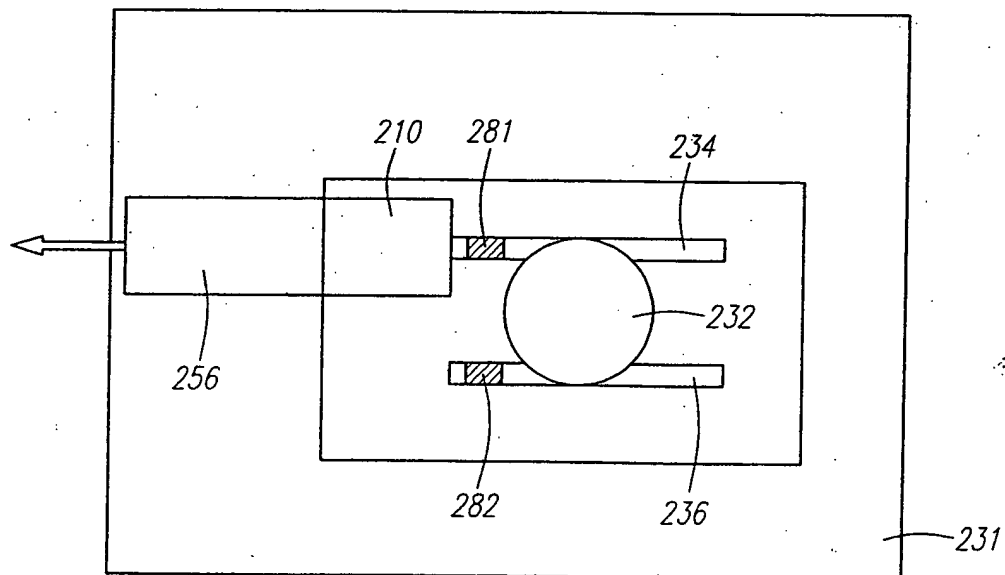


FIG. 22B